

State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
Division of Aquatic Resource  
Honolulu, Hawaii 96813

October 23, 2009

Board of Land and Natural Resources  
State of Hawaii  
Honolulu, Hawaii

REQUEST FOR APPROVAL TO AMEND/EXTEND A DLNR/RCUH AGREEMENT FOR THE  
DIVISION OF AQUATIC RESOURCES' AQUATIC INVASIVE SPECIES PROJECT,  
CONTRACT NO. 52850 (AMENDMENT NO. 7), THAT PROVIDES \$209,677 IN ADDED  
FY10 FUNDING (\$175,000 SPECIAL FUNDS, \$34,677 FEDERAL FUNDS) AND EXTENDS  
THE AGREEMENT THROUGH JUNE 30, 2011

Submitted herewith for your consideration is a request to amend a Project Agreement (Contract No. 52850) between the Board of Land and Natural Resources and the Research Corporation of the University of Hawaii (RCUH). Amendment No. 7 provides FY10 Special and Federal funds in the amount of \$209,677 for the Division of Aquatic Resources' Aquatic Invasive Species (AIS) project.

The FY10 funding for Amendment No. 7 is from the following sources:

- 1) The Hawaii Invasive Species Council (HISC) authorized FY10 Special Funds for AIS work from LNR 402, Appropriation 314, Native Resources and Fire Protection Special Fund. Funds in the amount of \$175,000 were approved for the project at the HISC meeting on September 18, 2009.
- 2) The U.S. Fish and Wildlife Service awarded DLNR \$34,677 from the Aquatic Nuisance Species Act to provide partial support of the AIS project.

Also, a one-year no-cost extension is being requested that will allow for continuation of the contract throughout FY11. Thus, the contract, which expires on June 30, 2010, would be extended through June 30, 2011. Due to contracting delays in FY09, the project needs additional time in order to complete work and utilize the FY10 funds.

Contract Amendment No. 7 will allow DAR to continue its research activities that address the Hawaii Ocean Resources Management Plan (HORMP) and the State of Hawaii AIS Management Plan. The research activities are geared to addressing topics in each plan and in particular the HORMP. The HORMP calls for organizing and training local action teams for monitoring and control of marine AIS. Although, we have much to learn on how to control marine AIS, this

contract amendment will allow DAR to continue to develop and research new innovative control, detection, and eradication technologies for AIS that otherwise will impact our natural resources and economy.

Due to reduced funding allocation, the objectives of the project will focus mostly on alien algae research topics around the island of Oahu while maintaining a minimal effort on early detection methodologies. In addition, this project will maintain research activities on ballast water and hull fouling as the primary vector for the introduction of AIS into Hawaii. The project will continue to conduct AIS research that will be provided to the State for its HORMP and AIS Management Plan. Specific items include research on the following:

- 1) Assist with developing a capacity to utilize native sea urchins as bio-control agents for alien algae control;
- 2) Continuing the development of large-scale algae control techniques utilizing mechanical and community based methodologies focusing on Oahu;
- 3) Continue research on basic methods and protocols for early detection and monitoring of AIS focusing on Oahu; and
- 4) Conduct research on the specific pathways and risks associated with ballast water and hull fouling threats.

Upon receipt of Board approval, a request for Governor's approval will be drafted and submitted to the Department of Budget and Finance for their review and transmission to the Governor's office. Due to the uncertainty of the State's fiscal situation, we are aware that all approvals are dependent upon availability of funds and that funding restrictions may occur at any time.

RECOMMENDATION:

"That the Board authorize the Chairperson to negotiate and, subject to necessary approvals, amend/extend the Aquatic Invasive Species Project Agreement, Contract No. 52850, between the Board and the RCUH."

Concur:



PAUL CONRY, Administrator  
Division of Forestry and Wildlife

Respectfully submitted,



DAN POLHEMUS, Administrator  
Division of Aquatic Resources

APPROVED FOR SUBMITTAL:



LAURA H. THIELEN  
Chairperson